

intrinsic viscosity (of a polymer)

The limiting value of the *reduced viscosity*, η_r/c , or the *inherent viscosity*, η_{inh} , at infinite dilution of the polymer, i.e.

$$[\eta] = \lim_{c \rightarrow 0} (\eta_r/c) = \lim_{c \rightarrow 0} \eta_{inh}$$

Notes:

1. This term is also known in the literature as the Staudinger index.
 2. The unit must be specified; $\text{cm}^3 \text{g}^{-1}$ is recommended.
 3. This quantity is neither a viscosity nor a pure number. The term is to be looked on as a traditional name. Any replacement by consistent terminology would produce unnecessary confusion in the polymer literature.
- Synonymous with limiting viscosity number.

P.B. 63

EXHIBIT

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